



Command Core System

The Power of Information

***Association of Military Surgeons of the
United States (AMSUS)***

**AGAPITO LAMBERT JR., Capt, USAF, BSC,
CHMM**
USAF Command Core Program Manager
10 November 1999



OVERVIEW

- ◆ Command Core Vision
- ◆ Activity-Based Philosophy
- ◆ Activity-Based Surveillance
- ◆ Systems Integration Activities
- ◆ Prevention and Occupational Health Systems
- ◆ CCS Web Developments

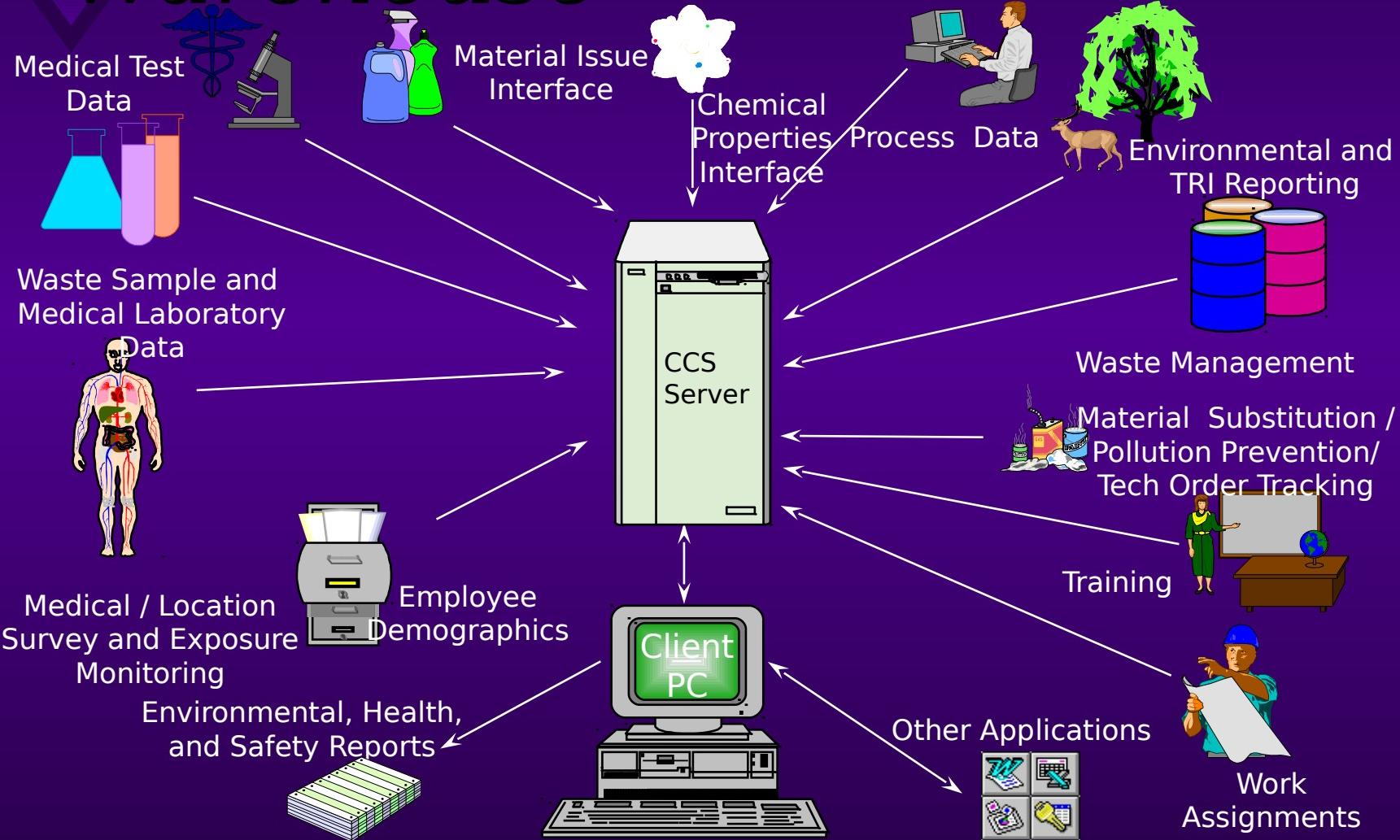


Command Core Vision



- Field a World-Class Integrated Environment, Health, and Safety (EHS) System
 - Decrease Costs
 - Increase Productivity
- Improve Decision Making
- Facilitate Operational Risk Management

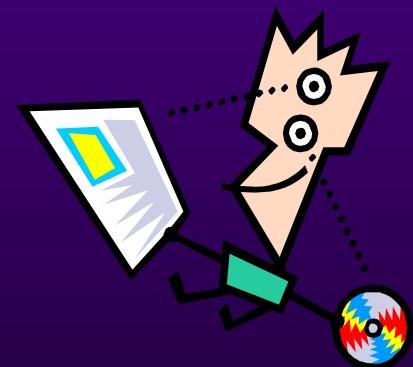
Integration Engine/Data Warehouse





Activity-Based Philosophy

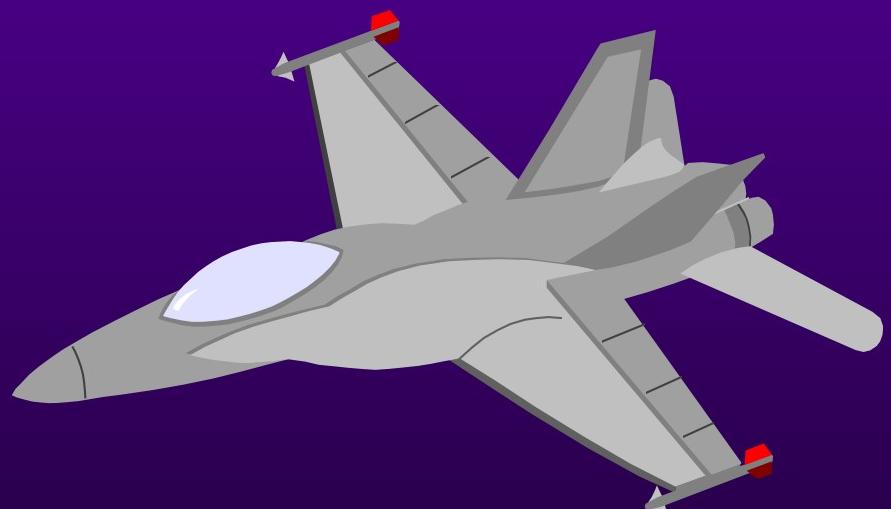
- Fundamental Redefinition of our View of the World
- **Activity** = Any Event or Situation That Poses a Potential Risk/Hazard Requiring Evaluation and Control; from Macro to Micro level
- **Risk/Hazard** = Any Potential Negative Outcome
- Forms the Basis for ALL Other Efforts, including Deployed Surveillance/Force Protection and
- Essential to Prepare for the Consequences of Risk





Activity-Based Philosophy

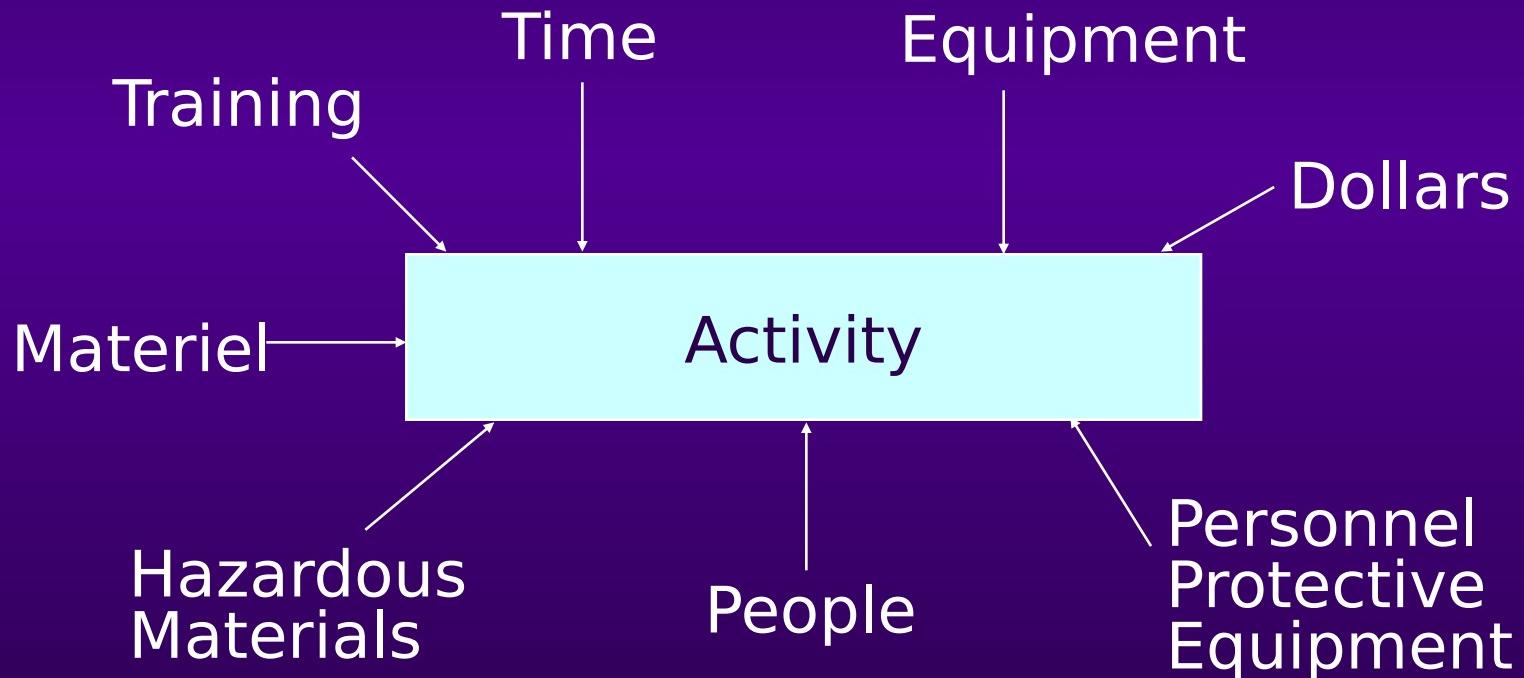
- Activities:
 - Depainting an Airplane(Event)
 - Occupying a Building on the Flightline (Situation)
 - Being Deployed to Southwest Asia (Situation)
 - Conducting a Squadron Safety Program (Event)
- Risks/Hazards:
 - Chemical Inhalation
 - Electrocution
 - Cost
 - Ergonomics/Injury





Activity-Based Philosophy

An Activity Can Have Many Inputs





Activity-Based

Philosophy

An Activity Can Have Many Outputs





Activity-Based Philosophy

Often The Inputs and Outputs are

Related and

Their Internal Relationships Result in Risks

Internal Relationships

Exams Time Waste Equipment Cost

Dollars

Injuries/Illnesses

Materiel

Activity

Materiel

High Voltage

Hazardous Materials

People

Air Emissions

PPE/Controls

Personal Exposures

Diagram illustrating the internal relationships between various inputs and outputs related to an activity, showing how they can result in risks.



Activity-Based

- ## *Philosophy General/Risk Assessment*
- General Assessment: Identify all potential risks/hazards across all functional areas
 - Risk Assessment:
 - Evaluate each specific hazard separately
 - Assign level of risk to each hazard
 - Recommend multiple control measures for each risk/hazard
 - Allow control decisions to be made and track risk control implementation



Activity-Based Philosophy

- Methods of Risk/Hazard Evaluation:
 - Qualitative
 - Quantitative
 - Criterion-Based
- Each Risk/Hazard Individually Ranked
- Each Deficiency/Problem Creates Closed-Loop Interactive Project
- Creates Foundation for Automated Reports





“Activity-Based Surveillance”

Activity-Based Surveillance = Integrated Risk Prevention

Occ Health Promotion
Disease Prevention

Cost/Risk Models

Partner w/
Operational
Community

Activity-Based

EHS
System

ESOH Activities

Process-Task
Relationships

P2 Opportunitie

Holistic Prevention
Programs

Risk-Based
Decisions

Operational ESOH Risk



Activity-Based Surveillance



IH
Hazards?

*SAME ACTIVITY -
DIFFERENT PERSPECTIVES*



Finan-
cial
Risks?



Health?



Fire
Hazards
?



EPI?



Safety
Hazards
?



Waste
?



Cross-Functional Perspective to Installation Risks/Hazard

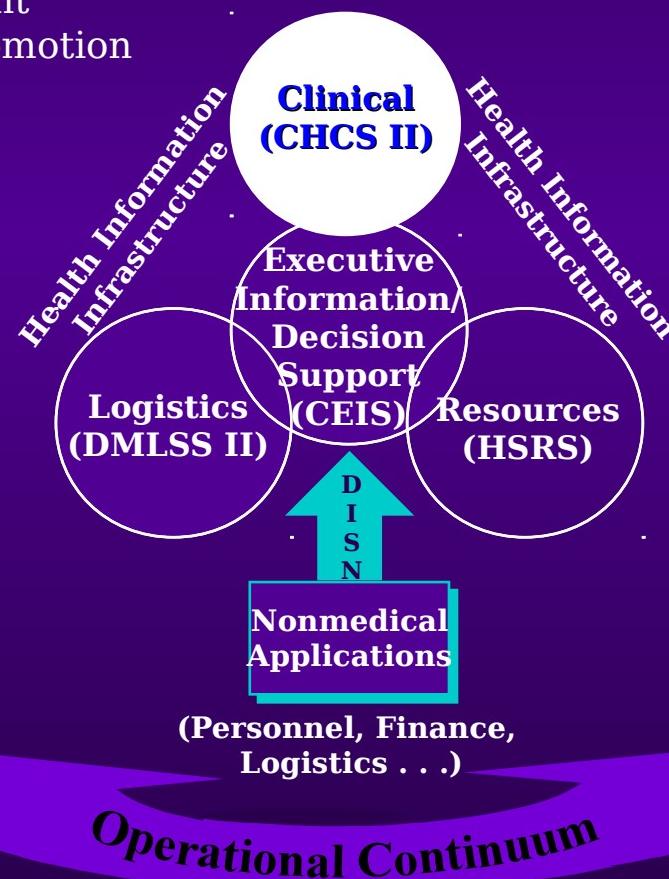


Systems Integration

Activities

Functions

- Patient Care Management
- Outcomes Management
- Prevention/Health Promotion
- Order Entry
- Documentation
- Ancillary
- Administration
- Education



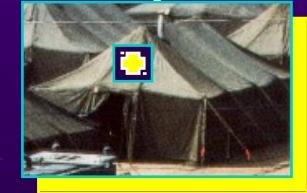
Sustaining Base



Systems

CHCS II (N)	
ADS *	FAP-CRDAS
AMDRS	FTDTLS
AMSS	HRA
APIMS	LRS 2
CHCS (N)	*MBTS
CIS (A)	MDIS
CIW (AF)	MICRO-88
CM/SNPMIS	NMIS (A)
CMIS (A)	PADSTARS (A)
CSARS	PHCS (AF) *
DBSS (N)	PIMS (A)
DDSS (N)	SNAP-SAMS (N)
DOHRS (A)	*VSIMS (A)

Deploye



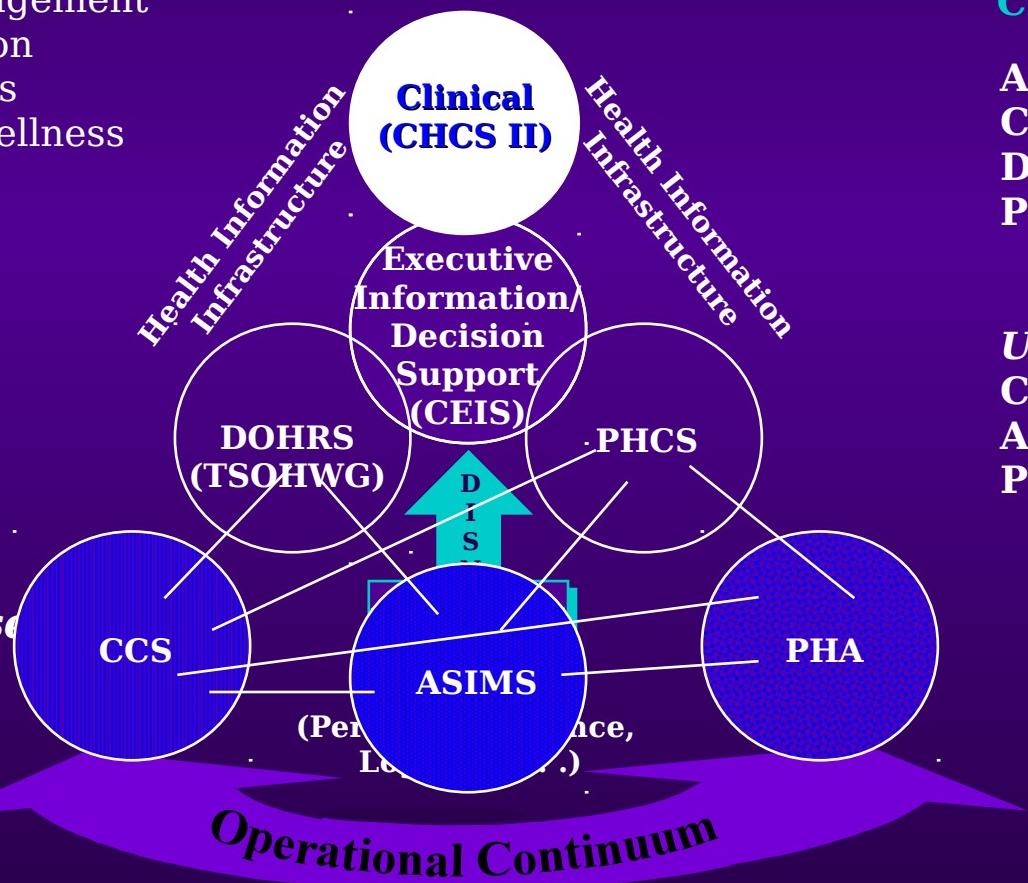
System name shown in bold—Executive Agent designee

Prevention and Occupational Health

Functions Systems

Patient Care Management
Outcomes Management
Health Promotion
Clinical Wellness
Occupational Wellness
Documentation
Ancillary
Administration
Education

Sustaining Base



CHCS II (N)

ADS
CHCS (N)
DOHRS (A) *
PHCS (AF) *

USAF Systems
CCS
ASIMS
PHA

Deploye





Web Developments

- ◆ Web Demonstration Goals:
 - ◆ Establish Bandwidth requirements
 - ◆ Security issues associated with web technology
 - ◆ Web server configuration
 - ◆ Data Warehousing requirements
 - ◆ Phase Plan for existing client/server configurations



Web Developments

- ◆ ECD of Web Demo - January 2000
 - ◆ Deployment Plan & Execution Strategy
 - ◆ Include ANG/AFRES
 - ◆ AFMSA Web host
 - ◆ OPHSA will provide central military/civilian demographic feed
 - ◆ CCS User Training
 - ◆ CCS SA Training
 - ◆ User's Manual Development



Questions/Comments?

